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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Mark Unrath, Kelly Bruland,  
Ho Wai Lo, and Steve Swaringen**

Application No.: 10/077,691

Filed: February 15, 2002

For: **ON-THE-FLY BEAM PATH  
ERROR CORRECTION FOR  
MEMORY LINK PROCESSING**

Group Art Unit: 2872

Examiner: Denise S. Allen

Confirmation No. 1445

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Date: October 20, 2003

*Kitty Sisk*  
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**TRANSMITTAL LETTER**

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

- Amendment
- Second Supplemental Information Disclosure Statement
- Form PTO-1449 (with copy of cited reference)
- Fee Transmittal (in duplicate)
- Check in the amount of \$180.00
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Respectfully submitted,

**Mark Unrath, Kelly Bruland,  
Ho Wai Lo, and Steve Swaringen**

By

*Richard B. Preiss*  
Richard B. Preiss  
Registration No. 36,640

October 20, 2003

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Attorney Docket No. 50001/84:2

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 180.00)

## Complete if Known

|                      |                   |
|----------------------|-------------------|
| Application Number   | 10/077,691        |
| Filing Date          | February 15, 2002 |
| First Named Inventor | Mark Unrath       |
| Examiner Name        | Denise S. Allen   |
| Art Unit             | 2872              |
| Attorney Docket No.  | 50001/84:2        |

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None Deposit Account:

Deposit Account Number  
19-4455  
Deposit Account Name  
Stoel Rives LLP

The Director is authorized to: (check all that apply)

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 Charge any additional fee(s) or any underpayment of fee(s)  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity             | Small Entity | Fee Code (\$)          | Fee Code (\$) | Fee Description | Fee Paid |
|--------------------------|--------------|------------------------|---------------|-----------------|----------|
| 1001 770                 | 2001 385     | Utility filing fee     |               |                 |          |
| 1002 340                 | 2002 170     | Design filing fee      |               |                 |          |
| 1003 530                 | 2003 265     | Plant filing fee       |               |                 |          |
| 1004 770                 | 2004 385     | Reissue filing fee     |               |                 |          |
| 1005 160                 | 2005 80      | Provisional filing fee |               |                 |          |
| <b>SUBTOTAL (1) (\$)</b> |              |                        |               |                 |          |

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------|----------------|----------|
|              |                    |                    | -20** =      | X              | =        |
|              |                    |                    | - 3** =      | X              | =        |
|              |                    |                    |              |                |          |

| Large Entity             | Small Entity | Fee Description  |
|--------------------------|--------------|--|
| 1202 18                  | 2202 9       | Claims in excess of 20                                     |
| 1201 86                  | 2201 43      | Independent claims in excess of 3                          |
| 1203 290                 | 2203 145     | Multiple dependent claim, if not paid                      |
| 1204 86                  | 2204 43      | ** Reissue independent claims over original patent         |
| 1205 18                  | 2205 9       | ** Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2) (\$)</b> |              |  |

\*\*or number previously paid, if greater. For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity Small Entity

| Fee Code (\$) | Fee (\$)    | Fee Code (\$)  | Fee (\$) | Fee Description | Fee Paid |
|---------------|-------------|--|----------|-----------------|----------|
| 1051 130      | 2051 65     | Surcharge - late filing fee or oath  |          |                 |          |
| 1052 50       | 2052 25     | Surcharge - late provisional filing fee or cover sheet                     |          |                 |          |
| 1053 130      | 1053 130    | Non-English specification  |          |                 |          |
| 1812 2,520    | 1812 2,520  | For filing a request for ex parte reexamination                            |          |                 |          |
| 1804 920*     | 1804 920*   | Requesting publication of SIR prior to Examiner action                     |          |                 |          |
| 1805 1,840*   | 1805 1,840* | Requesting publication of SIR after Examiner action                        |          |                 |          |
| 1251 110      | 2251 55     | Extension for reply within first month                                     |          |                 |          |
| 1252 420      | 2252 210    | Extension for reply within second month                                    |          |                 |          |
| 1253 950      | 2253 475    | Extension for reply within third month                                     |          |                 |          |
| 1254 1,480    | 2254 740    | Extension for reply within fourth month                                    |          |                 |          |
| 1255 2,010    | 2255 1,005  | Extension for reply within fifth month                                     |          |                 |          |
| 1401 330      | 2401 165    | Notice of Appeal   |          |                 |          |
| 1402 330      | 2402 165    | Filing a brief in support of an appeal                                     |          |                 |          |
| 1403 290      | 2403 145    | Request for oral hearing   |          |                 |          |
| 1451 1,510    | 1451 1,510  | Petition to institute a public use proceeding                              |          |                 |          |
| 1452 110      | 2452 55     | Petition to revive - unavoidable   |          |                 |          |
| 1453 1,330    | 2453 665    | Petition to revive - unintentional   |          |                 |          |
| 1501 1,330    | 2501 665    | Utility issue fee (or reissue)   |          |                 |          |
| 1502 480      | 2502 240    | Design issue fee   |          |                 |          |
| 1503 640      | 2503 320    | Plant issue fee  |          |                 |          |
| 1460 130      | 1460 130    | Petitions to the Commissioner  |          |                 |          |
| 1807 50       | 1807 50     | Processing fee under 37 CFR 1.17(q)  |          |                 |          |
| 1806 180      | 1806 180    | Submission of Information Disclosure Stmt                                  |          | 180             |          |
| 8021 40       | 8021 40     | Recording each patent assignment per property (times number of properties) |          |                 |          |
| 1809 770      | 2809 385    | Filing a submission after final rejection (37 CFR 1.129(a))                |          |                 |          |
| 1810 770      | 2810 385    | For each additional invention to be examined (37 CFR 1.129(b))             |          |                 |          |
| 1801 770      | 2801 385    | Request for Continued Examination (RCE)                                    |          |                 |          |
| 1802 900      | 1802 900    | Request for expedited examination of a design application                  |          |                 |          |

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3) (\$)** 180

(Complete if applicable)

| Name (Print/Type) | Richard B. Preiss | Registration No. (Attorney/Agent) | 36,640 | Telephone | 503-224-3380 |
|-------------------|-------------------|-----------------------------------|--------|-----------|--------------|
| Signature         | Richard B. Preiss |                                   |        |           |              |
| Date              | October 20, 2003  |                                   |        |           |              |

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